

Application No. 10/029,534

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TC Art Unit: 1732

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AMENDMENT TO ABSTRACT

A method of manufacturing a honeycomb structure, the method comprising the steps of: —forming staggered cells through the entire thickness of a fiber fabric; —causing loosely held pegs to penetrate into respective ones of the cells, each peg having a cross-section of size smaller than that of the corresponding cell and being made of a material that is suitable for expanding; —expanding the pegs so that they fill the cells and exert pressure on the inside faces of the cells; and —shrinking the pegs and then withdrawing them.